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MANDA'S

Pocket

Garden Dictionary

OF

BULBS

SEEDS, PLANTS

FOR

FALL PLANTING.

THE UNIVERSAL



HORTICULTURAL ESTABLISHMENT.

W. A. MANDA,

SOUTH ORANGE, N. J.

AUGUST 1st, 1894.

To My Patrons.

In presenting this second catalogue, I beg to thank my numerous patrons and friends who have favored me with their commands at my new place.

To those not fully acquainted with my retirement from the incorporated stock company of Pitcher & Manda, I wish to state that I am not connected with that firm, although they still keep my name. All orders and correspondence intrusted to me please address to

Yours respectfully,

W. A. MANDA.

**SOUTH ORANGE,
NEW JERSEY.**

VISITORS.

I am pleased at all times to receive visitors who are interested in plants of any description, and have a number of choice and rare subjects which will repay anyone coming even a long distance to see. The nurseries are situated on the D., L. and W. R. R., adjoining the depot of South Orange. There are 83 trains daily, so visitors will only have a few minutes to wait, trains being so frequent. There are also electric cars from Newark to South Orange, connecting with the Penn. R. R. and Jersey City R. R. every ten minutes. Taking it all in all it is the most accessible nursery in the country.

FOR KIND OBSERVATION.



I am at all times pleased to hear from collectors or raisers of new varieties of plants, seeds or bulbs with view of purchasing or exchanging same.



If you are in need of a good Gardener or Assistant write to me; I can recommend you reliable men that I know personally.



If there is anything you want and do not see in this catalogue, send in your order for it just the same, and I will charge you the lowest market price.



In sending your orders kindly name some variety I may substitute in case I am sold out of the one you ask for, or give me the privilege to put equally as good kinds. It will help me and give you just as good satisfaction.



Kindly recommend my house to your friends interested in horticulture. I will treat them liberally.

SEASONABLE HINTS.

Time when Bulbs are ready for Shipment.

August—Roman Hyacinths, Freesia, Narcissus, Allium, Jonquils, Anemone, *Lilium candidum*, *Harrisii* and *Longiflorum*.

September—Dutch Hyacinths, Tulips, Narcissus, *Crocus*, *Callas*, *Iris*.

November—*Spiræa*, *Lilium auratum*, Lily of the Valley.

In figuring how many bulbs a certain bed or part of same will take, ascertain the number of square inches and allow as follows :

1 Hyacinth	to 35 square inches.	
1 Tulip	to 20	"
1 Narcissus	to 20	"
1 Snowdrop.	to 1	"
1 Crocus	to 2	"
1 Scilla	to 2	"
1 Lily.	to 100	"
1 Lily of the Valley .	to 2	"

This will give you the amount of bulbs needed, while for general collection of Perennial plants, allow about one square foot for each plant.

Never try to force any bulbs before they are well rooted.

Plant or pot all your bulbs as early as possible, so that they will have ample time to get well rooted and then they will produce good flowers.

Most of the failures come from too late planting.

Lily of the Valley is the only kind that can be forced without making new roots.

Best Soil for Forcing Bulbs.

5/10 good turfy loam ; 2/10 good rotten leaf soil ; 2/10 good rotten cow or sheep manure ; 1/10 sharp sand.

The whole well mixed together.

This mixture will suit any bulbs. Never use peat in your mixture or green manure.

Beds for Bulbs.

See that the bed is well drained and the soil rich and not too heavy. All kinds of bulbs delight in light warm soil and winter over very much better than in heavy wet ground.

Bulbs that should be more grown are Spanish and English Irises, *Hyacinthus candicans* and collections of Daffodils and Lilies.

Crocuses planted in the lawn, make fine show in the early spring without injuring the lawn; their leaves are cut with the first cutting of the grass.

Plant lot of **Narcissus** among grass in meadow or underneath the trees where nothing would grow, and you will get a handsome show in the early season. **Narcissus**, especially the **Poet's Eye**, are so cheap that they can be used for naturalizing.

Do not forget to plant bulbs among your shrubbery, they will give continuance of flower during the season. All tall growing plants are adapted for such purpose, such as Lilies, *Hyacinthus candicans* and **Narcissus**.

If you have a shady corner where grass refuses to grow, plant Lily of the Valley, and you will have a green plant, besides a show of flowers in May.

Hardy Lilies as a rule delight in rich, well drained moist soil with plenty of leaf soil. The bulbs should be planted at least six inches deep.

In potting or planting small bulbs of any kind, it is best to place them on a layer of sharp sand $\frac{1}{8}$ inch thick and then cover with soil. It will prevent possible rotting.

When you plant more than one variety in a bed, select such that will flower at the same time, to make the bed attractive.

On the contrary, planting informally in borders, wild gardens and shrubberies, the selection should be so as to give as prolonged blossoming as possible.

During the Tulip craze in Holland, a single bulb of Tulip brought \$3,000. Now, for that sum, I could furnish you nearly a million of better Tulips than those sold in those days.

Most of the Herbaceous plants give best results if planted in the fall in September and October. Look over the list in this catalogue and start an old-fashion garden that will grow handsomer every year.

Pansies should be sown in August and September to get strong plants by the spring; same applies to **Cineraria**, **Calceolaria**, **Primula**, **Forget-me-not** and **Cyclamen**.

Lawns made in the fall give as good and many times better results than when made in spring. With our late fall the grass, if sown in August and September, has a chance to establish itself better, especially under deciduous trees. Manda's Universal Mixture is as good as any and better than many.

If you want to enjoy fine Strawberries next June, plant in August or September. The Marshall is considered the best variety in cultivation, and no one should be without it.

Plant in rows 18 inches apart, and each row 3 feet apart.

Plant the pistillate varieties in alternate rows with the perfect ones.

HYACINTHS.

The most important of all the bulbs in cultivation is the Hyacinth. Easy of culture, flowers of which could be had from January till May, the rich perfume and the wide range of colors which it embraces, beside the good lasting qualities are the many virtues of this plant. The cost of the bulbs is so small that for a few dollars quite a collection can be procured. The mixed kinds for bedding are indispensable to every garden.

Choice Named Hyacinths.

The following list includes all the most desirable varieties such as produce the largest bells or spikes and and force readily. Great pains have been taken to include only the best and most distinct colors and shades.

Single Red.

	Each	Doz.
Amy, bright carmine.....	\$0 10	\$1 00
Chas. Dickens, rose.....	20	2 00
Cosmos, pink	10	1 00
Gen. Pellisier, carmine.....	15	1 50
Gertrude, red, dwarf.....	10	1 00
Gigantea, light rose.....	10	1 00
Grand Vainqueur, fine rose.....	10	1 00
Homerus, dark rose, early.....	10	1 00
Jennie Lind, dark rose.....	10	1 00
La Reine de Jacinthes, carmine.....	10	1 00
Lord Macauley, dark rose.....	15	1 50
Lord Wellington, pale rose, early	10	1 00
Norma, pale waxy pink, early.....	10	1 00
Robt. Steiger, deep red	15	1 50
Solfataire, orange scarlet.....	15	1 50
Sultan Favorite, dark striped.....	15	1 50
Tuba Flora, fine rose.....	10	1 00
Van Schiller, crimson striped.....	15	1 50

Single Pure and Blush White.

Alba maxima, pure, early.....	15	1 50
“ superbissima, pure.....	10	1 00
Baron von Thuyll, pure, early.....	10	1 00
Blanchard, pure, early	10	1 00
Cleopatra, blush	10	1 00
Grandeur a Merveille, waxy.....	10	1 00
Grand Vainqueur, pure.....	10	1 00
Grand Vedette, pure, early.....	10	1 00
La Belle blanchisseuse, pure.....	10	1 00
La Grandesse, pure.....	15	1 50
La Pucelle d'Orleans, pure.....	10	1 00
Lord Grey, blush, early.....	15	1 50
Madame Van der Hoop, pure, extra.....	15	1 50
Mont Blanc, pure.....	15	1 50
Pavilion Blanc, pure.....	15	1 50
Queen Victoria, pure	10	1 00

Single Dark and Light Blue.

	Each	Doz.
Argus, pale blue, white center.....	\$0 10	\$1 00
Baron von Thuyll, bright blue.....	10	1 00
Blondin, porcelain lilac.....	15	1 50
Blue Mourant, dark... ..	10	1 00
Chas. Dickens, light blue.....	10	1 00
Couronne de Celles, fine porcelain.....	15	1 50
Czar Peter, porcelain, extra.....	15	1 50
Emiceus, dark, white center.....	10	1 00
Emilius, light, early.....	15	1 50
Grand Lilac, porcelain, extra.....	15	1 50
“ Maitre, dark porcelain.....	10	1 00
King of the Blues, dark, extra.....	15	1 50
La Peyrouse, porcelain.....	10	1 00
Leonidas, light, early... ..	10	1 00
Lord Derby, porcelain.....	20	2 00
Lord Palmerston, porcelain.....	15	1 50
Mary, dark, early.....	10	1 00
Mimosa, dark, early.....	10	1 00
Regulus, clear.....	10	1 00
Uncle Tom, blackish.....	10	1 00
William the 1st, blackish, early... ..	10	1 00

Single Yellow.

Anna Carolina, pure.....	20	2 00
Canary Bird, pure.....	20	2 00
Gen. Butler, pure.....	25	2 50
Hermann, orange-yellow... ..	10	1 00
Ida, pure, best yellow.....	15	1 50
King of Holland, orange-yellow.....	15	1 50

Double Red.

Alida Catharina, dark rose, early.....	15	1 50
Bouquet Royal, rose	10	1 00
“ tendre, dark red.....	10	1 00
Czar Nicholas, bright rose.....	10	1 00
Grant concurrent, rose.....	10	1 00
Grootvorst, rose.....	10	1 00
Lord Wellington, blush rose.....	15	1 50
Prince of Orange, dark rose	10	1 00
Princess Royal, deep rose.....	10	1 00
Regina Victoria, pink.....	10	1 00

Double White.

Anna Maria, purple center.....	10	1 00
Grootvorstin, yellow center.....	15	1 50
Heroine, pure, yellow center	20	2 00
Jennie Lind, purple center.....	10	1 00
La deesse, pure.....	10	1 00
La Tour d' Auvergne, pure	15	1 50
La Virginite, creamy.....	10	1 00
Miss Ketty, violet center.....	15	1 50
Prince of Waterloo, pure.....	15	1 50
Triumph Blondina, rose center.....	15	1 50

Double Blue.

	Each	Doz.
Bloksberg, porcelain.....	\$0 10	\$1 00
Charles, Crown Prince of Sweden.....	10	1 00
Chas. Dickens, violet blue.....	10	1 00
Garrick, dark early.....	10	1 00
King of the Netherlands, purple.....	15	1 50
Laurens Koster, dark, extra.....	20	2 00
Louis Philippe, dark.....	15	1 50
Mignon de Drijthout, light	10	1 00
Othello, dark, early.....	15	1 50
Pasquin, porcelain, dark center.....	10	1 00
Prince of Saxe-Weimar, dark	10	1 00
Van Speyk, lilac blue.....	15	1 50

Double Yellow.

Goethe, citron.....	10	1 00
Jaune Supreme, bright.....	20	2 00
L' or du Perou, orange-yellow.....	20	2 00
Ophir d'Or, pure.....	10	1 00

Early Roman Hyacinths.

Best adapted for early forcing and can be easily had in flower from 1st December until Spring. The spikes are graceful and very useful for cut flower purposes.

	Per doz.	Per 100
White, 1st size.....per 1000, \$25.00..	\$0 45	\$2 75
Blue	45	2 75
Light Pink.....	45	3 25
Dark Pink.....	45	3 25
Yellow.....	90	4 50
White Italian... ..	60	3 00

**Hyacinths, Show Collections, Double
and Single, My Selection.**

25 in	25 best named varieties, for.....	\$2 75
50 in	25 " " "	5 20
100 in	25 " " "	10 00
50 in	50 " " "	7 70
100 in	50 " " "	14 30
250 in	50 " " "	27 50
75 in	75 " " "	10 45
150 in	75 " " "	19 80
300 in	75 " " "	38 50
100 in	100 " " "	16 50
200 in	100 " " "	22 00
500 in	100 " " "	77 00
1000 in	100 " " "	148 50

Hyacinths for Forcing, Named, My Selection.

	Per doz.	Per 100
Single white, pure or blush.....	\$1 10	\$6 60
“ red.....	1 10	6 60
“ rose.....	1 10	6 60
“ blue, light or dark.....	1 30	7 75
“ yellow.....	1 45	8 80
Double white, pure or blush.....	1 10	6 60
“ red.....	1 10	6 60
“ blue, light or dark.....	1 30	7 75
“ yellow.....	1 45	8 80
“ and Single in equal proportions..	1 10	6 65

Hyacinths for Bedding, Unnamed.

	Per doz.	Per 100
Single white, pure or blush.....	\$0 55	\$3 30
“ red.....	55	3 30
“ rose.....	55	3 30
“ blue, light or dark.....	65	3 85
“ yellow.....	75	4 40
“ in above colors in equal portions..	65	3 85
“ mixed, all colors.....	50	3 00
Double white, pure or blush.....	55	3 30
“ blue, light or dark.....	65	3 85
“ rose.....	55	3 30
“ red.....	55	3 30
“ yellow.....	90	5 50
“ in above colors in equal portions..	65	3 85
“ and Single, all colors mixed.....	45	2 75

TULIPS.

With the Hyacinths Tulips are the general favorite with the public. They are unsurpassed for garden beds while equally useful for forcing in pans or pots. The rich gaudy colors of their large and handsome satiny flowers, representing all the rich shades of colors, are the show of parks and gardens and admiration of passers by. Massed either in solid colors in design, or mixed all the colors together, they make as showy a bed as could be made with any bulb or plant. The price should certainly not prevent any one from using them freely, being very nominal, as the list will show.

Single Early Tulips.

	Per doz.	Per 100
Artus, brilliant scarlet.....	\$0 30	\$1 50
Belle Alliance, scarlet.....	30	2 00
Canary Bird, rich yellow, early.....	45	2 65
Cottage Maid, rosy pink.....	60	3 50
Couleur ponceau, rosy crimson and white	30	1 50
Crimson King, bright crimson.....	25	1 00

SINGLE EARLY TULIPS—Continued.

	Per doz.	Per 100
Duc Van Thol, common.....	\$0 30	\$1 50
“ “ crimson.....	25	1 00
“ “ gold striped.....	30	1 50
“ “ scarlet.....	25	1 00
Golden Prince, yellow.....	30	1 50
Joost Van den Vondel, rose and white...	45	2 75
Keizerskroon, red with yellow edge.....	45	3 00
La Reine, white, rose shaded.....	30	1 75
L'Immaculee, pure white.....	45	2 60
Pottebakker, white.....	60	3 75
“ scarlet.....	45	2 60
“ yellow.....	60	3 00
Proserpine, salmon pink, extra.....	70	4 50
Rosamundi Huykman, rose and white....	45	2 75
Verboon, scarlet.....	35	2 75
Yellow Prince, golden yellow.....	45	3 00

Double Early Tulips.

Agnes.....	60	4 00
Blanche, rose.....	1 00	5 50
Duke of York.....	30	1 25
Gloria solis.....	30	1 75
La candeur.....	30	1 75
Murillo.....	60	4 00
Purple crown.....	35	2 00
Queen Victoria.....	35	2 00
Rex rubrorum.....	40	2 25
Salvator Rosa.....	80	6 00
Tournesoll, red and yellow.....	50	3 00
“ yellow.....	65	4 50

Parrot Tulips.

Gloriosa.....	75	4 50
Lutea Major.....	50	3 00
Margraaf Van Baden.....	50	3 00
Rubra major.....	75	4 50
Fine mixed.....	25	1 40
Tulipa Gesneriana, dazzling red.....	45	3 00
“ Macrospila, sweet-scented, red...	45	3 00

Darwin Tulips.

Fine mixed.....	75	4 50
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Choice Show Varieties.

100 in 10 best named vars., my selection, for....	\$2 75
250 in 25 “ “.....	6 90
500 in 25 “ “.....	13 20
1000 in 25 “ “.....	22 00

Tulips for Bedding.

	Per doz.	Per 100
Single red.....	\$0 20	\$1 10
“ yellow.....	55	3 30
“ white... ..	45	2 75
“ yellow and red.....	20	1 10
“ rose.....	45	2 75
“ extra fine mixed, all colors.....	25	1 65
Double red.....	20	1 10
“ yellow.....	25	1 65
“ white.....	20	1 10
“ pink.....	55	3 30
“ yellow and red.....	20	1 10
“ extra fine mixture.....	25	1 40
“ and single, fine mixed.....	25	1 40
Parrots, fine mixed.....	25	1 40
Bizarres, “.....	25	1 40
Byblossoms, “.....	45	2 75

NARCISSUS.

Too much cannot be said in favor of the already popular Daffodil, only to say, plant more and you will want more of these elegant and useful flowers, that can be used for any purpose. Narcissus is perhaps the easiest of all the bulbs to grow, not particular as to soil or situation, and will form a mass very quickly. The Polyanthus Narcissus are not hardy, but are very useful for early forcing. The Daffodils, single and double, can be used either for planting out or equally as well for forcing.

Narcissus—Daffodils—Single Flowered.

	Per doz.	Per 100
Bicolor Empress.....	\$3 50	\$25 00
“ Emperor.....	3 50	25 00
“ Horsfieldii.....	2 00	15 00
Bulbocodium, yellow.....	50	3 00
Golden Spur.....	1 00	6 00
Incomparable, yellow.....	40	2 00
Maximus.....	1 00	6 00
Poeticus.....per 1000, \$10.00..	25	1 25
“ ornatus.....	50	3 00
Trumpet major.....	50	2 75
“ maximus.....	50	3 00

Daffodils, Double Flowered.

	Per doz.	Per 100
Alba plena odorata.....	\$0 45	\$2 25
Incomparable.....	40	2 00
Orange Phoenix.....	70	5 00
Von Sion (true).....	50	2 75

Polyanthus Narcissus.

	Per doz.	Per 100
Aurora, fine large yellow.....	\$2 00	\$14 00
Dubius, early....	1 00	7 50
Gloriosa, white and orange.....	1 50	10 00
Grand Monarque, white.....	1 50	10 00
“ Soleil d'Or, yellow.....	1 00	7 50
Grootvorst, white.....	1 50	10 00
Jaune Supreme, yellow.....	1 50	10 00
Lord Canning, yellow.....	2 00	14 00
Queen Victoria, white.....	1 50	10 00
Staaten General, white.....	1 00	7 50
Totus albus (Paper White) ...	20	1 75
“ grandiflora.....	25	2 00
Chinese Sacred..... each, 20 cts...	2 00	

LILIES.

This is the noblest of all the bulbous plants. Graceful and imposing in habit, with showy, large, sweet-scented flowers of pure and chaste colors. Such as *L. Harrisii*, *Longiflorum* and *Candidum* invaluable for forcing, while *L. Auratum*, *Speciosum*, and a host of others are grand objects in borders among shrubbery or planted between *Rhododendrons* and *Hardy Azaleas*.

	Each	Per doz.	Per 100
Auratum, with gold band.....	\$0 20	\$2 00	
Brownii, white and purple.....	75	7 50	
Bulbiferum, orange.....	20	2 00	
Candidum, white.....	10	1 00	
“ flore pleno, white	25	2 75	
“ fol. var., variegated foliage...	35	3 50	
Chalcedonicum, bright vermilion.....	50	5 50	
Croceum, (Saffron Lily).....	25	2 75	
Dalmaticum, the black lily.....	75	7 50	
Excelsum, primrose yellow.....	35	4 00	
Giganteum, monster bulbs.....	2 00	20 00	
Grayii, new, red spotted.....	75	7 50	
	Each	Per doz.	Per 100
Harrisii, 5-7 inches... ..	\$0 10	\$1 00	\$5 00
“ 7-9 “	15	1 50	7 00
“ 9-11 “	20	2 00	18 00
“ monster bulbs.....	60	6 00	
Longiflorum, 5-7 inches.....	10	1 00	5 00
“ 7-9 “	15	1 50	7 00
“ 9-11 “	25	2 50	
	Each	Per doz.	
Longiflorum Japonicum, white	\$0 30	\$3 00	
Martagon, purple.....	20	2 00	
Pardalinum, red and yellow.....	25	2 25	
Speciosum, pink.....	20	2 00	
“ album, white	25	2 50	
“ roseum, deep rose.....	20	2 00	
Tenuifolium, early red.....	20	2 00	

LILIES—Continued.

	Each	Per doz.
Thunbergianum atrosanguineum grandifolium	\$0 35	\$3 50
Thunbergianum aurantiacum multiflorum	35	3 50
“ Kikak	25	2 50
“ Prince d'Orange	35	3 50
Tigrinum, red	10	1 00
“ flore pleno, red	20	2 00
“ Fortunei, red	25	2 50
“ splendens, red	20	2 00
Umbellatum bicolor, red	25	2 50
“ grandiflorum, red	25	2 50

CROCUS.

One of the earliest of Spring harbingers pushing their showy flowers sometimes through the snow as early as March. A very pleasant effect is produced by planting Crocuses among the grass on the lawn where they will produce a brightly colored carpet with the advent of Spring.

Blue and Purple.

	Per 100	Per 1000
Albion, fine striped	\$0 90	\$6 50
Baron Von Brunow, dark blue	90	6 50
Dandy, purple, white bordered	90	6 50
David Rizzio, dark blue	90	6 50
Ne Plus Ultra, light blue	90	6 50
La Majestueuse, striped	90	6 50
Lord Fielding, striped	90	6 50
Madame Mina, striped	90	6 50
Sir Walter Scott, variegated	90	6 50

White.

Carolina Chisholm, pure white	90	6 50
Mont Blanc, large	85	6 20
Queen Victoria, pure white	90	6 50

Various Sorts.

Cloth of Gold	65	5 50
“ Silver	70	6 00
Large Yellow, 1st size	75	6 50
Mixed, all blue	60	5 00
“ “ striped	60	5 00
“ “ white	60	5 00
“ “ colors	45	4 00

VARIOUS BEAUTIFUL AND INTER- ESTING BULBS.

	Each	Per doz.	Per 100
<i>Allium cernuum</i>	\$0 10	\$0 75	
“ <i>neapolitanum</i>	05	50	\$3 50
“ <i>Molly luteum</i>	10	75	4 00
<i>Alstroemeria chilensis</i>	25	2 50	
“ <i>pulchella</i>	25	2 50	
“ <i>psittacina</i>	25	2 50	
<i>Amaranthium muscætoxicum</i>	15	1 25	
<i>Amaryllis Belladonna</i>	20	2 00	
“ <i>formosissima</i>	20	2 00	
“ <i>lutea</i> (<i>Sternbergia</i>)....	10	1 00	
“ <i>hybrids</i> , choice vars....	60	6 00	
“ <i>longifolia</i>	25	2 50	
“ “ <i>alba</i>	25	2 50	
“ <i>purpurea</i> (<i>Vallota</i>)....	25	2 50	
<i>Anemone coronaria</i> , choice mixed	05	25	1 50
“ “ double “	05	25	1 50
“ <i>fulgens</i>	05	50	3 00
“ <i>Sollies</i> , single red.....	05	50	3 00
<i>Anthericum Liliastrum major</i>	20	2 00	
<i>Apios tuberosa</i>	10	75	4 00
<i>Arum sanctum</i> (<i>Black Calla</i>)....	30	3 00	
<i>Babiana</i> , fine mixed... ..	10	1 00	
<i>Bausingaultia baseloides</i> (climber).....	25	2 50	
<i>Bessera elegans</i>	05	50	
<i>Bloomeria aurea</i>	15	1 50	
<i>Brodiaea capitata</i>	05	50	
“ <i>coccinea</i>	05	50	
“ <i>congesta</i>	05	50	
“ <i>grandiflora</i>	05	50	
“ <i>lactea</i>	05	50	
“ <i>multiflora</i>	05	50	
“ <i>stellaris</i>	05	50	
<i>Bulbocodium vernal</i>	05	30	2 50
<i>Calla æthiopica</i> (<i>Calla Lily</i>)....	15	1 50	
“ “ “ <i>Little Gem</i> ”..	20	2 00	
“ <i>sancta</i>	30	3 00	
<i>Calochortus elegans</i>	10	75	
“ <i>lilacinus</i>	10	75	
“ <i>pulchellus</i>	10	75	
“ <i>Bonplandianus</i>	10	75	
“ <i>albus</i>	10	75	
“ <i>macrocarpa</i>	10	75	
“ <i>longibarbata</i>	10	75	
<i>Chionodoxa Luciliæ</i>	05	30	
“ <i>sardensis</i>	10	50	
“ <i>gigantea</i>	10	50	
“ <i>Tmolusii</i>	10	50	
“ <i>Allenii</i>	10	50	
<i>Colchicum</i> , mixed.....	10	50	3 75

BULBS—Continued.

	Each	Per doz.	Per 100
Convallaria majalis (Lily of the Valley) strong crown....	\$0 05	\$0 25	\$1 75
Convallaria majalis aurea striata.	10	60	4 50
“ “ rosea	10	60	4 50
“ “ flore pleno ...	10	60	4 50
“ “ alba grandi-flora (new)..	15	1 50	12 00
“ japonica		50	3 00
Cooperia Drummondii	05	50	
Crocus (See page 13).			
Crown Imperial (see <i>Fritillaria</i>).			
Cyclamen persicum giganteum album	20	2 00	
C. persicum giganteum roseum ...	20	2 00	
“ “ rubrum ...	20	2 00	
“ “ mixed	15	1 50	
Cyclamen Large Rhodian (new)..	25	2 50	
“ sp. Smyrna	25	2 50	
Daffodils (See page 11).			
Dicentra spectabilis	15	1 50	
Eranthis hiemalis	05	30	2 00
Erythronium americanum	05	50	1 50
“ albidum	10	50	2 00
“ giganteum	10	50	2 00
“ dens-canis alba	05	30	2 00
“ “ purpurea	05	30	2 00
“ “ rosea ...	05	30	2 00
“ “ mixed ..	05	30	2 00
Eucharis amazonica	25	2 50	
Freesia Leichtlinii major	05	40	3 00
“ refracta alba	05	30	2 00
“ “ “ mammoth bulbs	05	40	3 00
Fritillaria atropurpurea	25	2 50	
“ citrina (new).....	25	2 50	
“ imperialis (Crown Imperial)	15	1 50	
“ parviflora	25	2 50	
“ Pinardii (new).....	25	2 50	
“ pudica	25	2 50	
“ recurva	25	2 50	
“ Whittallii (new).....	25	2 50	
Galanthus Elwesii	05	50	3 00
“ “ Fosterii (new)....	25	2 50	
“ “ Ikariæ (new).....	15	1 50	9 00
“ “ unguiculatus (new)	15	1 50	9 00
“ nivalis	05	25	1 50
“ “ fl. pl.	05	35	2 00
Hyacinthus candicans	05	50	3 00
“ other vars. , see p. 6.			
Iris alata	15	1 50	
“ Anglica (Eng. Iris) fine mixed	05	0 40	2 00
“ atropurpurea (new)	75	7 50	
“ atropurpurea (new).....	45	4 50	

BULBS—Continued.

	Each	Per doz.	Per 100
Iris Giant Duffii (new).....	\$0 45	\$4 50	
“ Hispanica (Spanish Iris), fine mixed.....	05	30	\$1 25
“ Iberica	15	1 50	
“ Lortetii (new).....	45	4 50	
“ Mariæ (Helene) (new).....	45	4 50	
“ reticulata	20	2 00	
“ “ Krelagei	20	2 00	
“ Sari nazarena (new).....	45	4 50	
“ Susiana	25	2 50	
“ Vartanii (new).....	45	4 50	
“ tuberosa	15	1 50	
“ other vars. see Herbaceous plants.			
Ixia hybrida , choice mixed.....	05	50	2 50
Lachenallia aurea	10	1 00	
“ luteola	10	1 00	
“ “ maculata	10	1 00	
“ pendula	15	1 50	
Leucojum æstivum	10	1 00	
“ vernum	10	1 00	
Lilium. See page 12.			
Montbretia crocosmæflora	05	50	3 50
“ “ Bouquet parfait	10	1 00	6 00
“ “ Etoile de Feu ..	10	75	5 00
Muscari botryoides alba	05	25	1 50
“ “ cœrulea	05	25	1 50
“ monstrosum	05	40	2 00
“ plumosum	05	40	2 00
Narcissus. See page 11.			
Nerine sarniensis	25	2 50	
“ Forthergilli major (rare)..	75	7 50	
Ornithogalum arabicum	10	75	3 50
“ umbellatum	05	50	1 50
Oxalis Bowiei	05	25	1 75
“ mixed	05	20	1 50
Ranunculus , French, fine double, mixed.....	05	25	1 50
“ Persian , fine double, mixed.....	05	25	1 50
Richardia æthiopica (white Calla)	15	1 50	
“ alba maculata	20	2 00	
Scilla bifolia	05	25	1 25
“ siberica	05	25	1 25
Schizostylis coccinea	10	75	3 50
Sparaxis , finest mixed.....	05	25	1 50
Spiræa japonica	20	2 00	
“ “ compacta multiflora	25	2 50	
“ astilboides	25	2 50	
“ For other varieties see Herbaceous plants.			
Sternbergia lutea	10	1 00	
Tigridia grandiflora	10	1 00	
“ “ alba	10	1 00	

BULBS—Continued.

	Each	Per doz.	Per 100
Tigridia pavonia	\$0 10	\$1 00	
“ pulchella	25	2 50	
“ rosea	25	2 50	
“ Van Houttei	25	2 50	
“ violacea	25	2 50	
Trillium erectum	10	1 00	
“ “ album	10	1 00	
“ grandiflorum	10	1 00	
“ nivale	15	1 50	
“ recurvatum	15	1 50	
“ sessile	10	1 00	
“ stylosum	10	1 00	
Tritonia, fine mixed	05	40	\$2 50
Tritoma Uvaria grandiflora	15	1 50	
Tulipa Blushing Bride (new) .. .	15	1 50	9 00
“ Bridesmaid (new)	10	1 00	6 00
“ Bouton d'Or (new)	10	1 00	6 00
“ elegans var Picotee (new)	10	1 00	6 00
“ Gesneriana	05	40	1 50
“ Golden Eagle (new)	10	1 00	6 00
“ macrospeila (sweets cented)	10	1 00	5 00
“ May Blossom (new)	15	1 50	9 00
“ Rose Pompon (new)	10	1 00	5 00
For other Tulips see page 9.			
Valota purpurea	25	2 50	
Novelties are described on pages 27 to 31.			

Seeds.

Although I have enumerated only a few seeds that are used in the fall, I carry a complete stock and can furnish any kind desired. The full list will be found in my Pocket Garden Dictionary published this spring.

Garden Requisites, Insecticides, Fertilizers, Pots, Tools, and Horticultural Books.

I can furnish at lowest prices, list of which will be found in my Pocket Garden Dictionary pages 96 to 101.

CHOICE FLORISTS' FLOWER SEEDS.

From my personal experience I know the great importance of purity and high grade of stock. Therefore, I make it a special feature to handle only the very best strains. Purchasers may have every confidence in the quality of the seed I offer, and in ordering should order the best quality.

Show Pansies.

	Per pkt.
Manda's finest mixture.....	\$0 50
Extra fine choice mixed.....	25
Ordinary mixture.....	10
Odier.....	25
Cassier.....	25
Bugnot's.....	50
English.....	25
French.....	25
Trimardeau.....	25

Bedding Pansies.

Cliveden, purple.....	15
" white.....	15
" yellow.....	15
Azure blue.....	15
King of the Blacks.....	15
Black Blue.....	15
Snow Queen.....	15
Light blue.....	15
Lord Beaconsfield.....	15
Red mixture.....	15
Yellow.....	15
Pure white.....	15
PRIMLUA fimbriata rubra.....	50
" " " alba.....	50
" " finest mixed.....	50
" flicifolia, mixed.....	50
" globosa, mixed.....	50
" double white.....	75
" " blush.....	75
" " crimson.....	75
" " mixed.....	25
CALCEOLARIA grandiflora.....	50
" " pumila compacta ..	50
" tigrina.....	75
" " compacta.....	75
" striata.....	50
" rugosa.....	25
CINERARIA hybrida grandiflora.....	50
" " " nana.....	50
" " plenissima.....	1 00

FLOWER SEEDS—Continued.

	Per pkt.
CYCLAMEN persicum giganteum album.....	50
“ “ atrorubrum.....	50
“ “ roseum.....	50
“ “ mixed colors.....	25
MYOSOTIS alpestris.....	10
“ “ alba.....	10
“ robusta grandiflora.....	15
“ “ “ alba.....	15
“ Victoria.....	15
“ “ alba.....	15
SILENE pendula compacta.....	10
“ “ “ alba.....	10

GRASS SEEDS.

(Price subject to Market changes.)

This short list comprises the best and leading kinds for making a beautiful lawn.

Manda's Universal Lawn Seed Mixture.

This lawn grass mixture is composed entirely of the finest quality of fine leaved dwarf-growing grasses, in such proportions as will enable it to withstand the extreme heat of our summers. The grasses which compose this mixture are extra well cleaned, so that all weeds are excluded, leaving nothing but the pure, clean seed.

I recommend four bushels to the acre. It is necessary to sow the seed very thick to get the most pleasing result—that is, a good lawn.

The best time to sow grass seed is in the spring or about the latter part of August. I prefer the spring. The success of establishing a good lawn depends much on the season and the condition of the ground at the time of sowing. A light raking in will protect the seeds greatly. Rolling, however, is at all times indispensable and should any weeds appear they should be eradicated.

	Per qt.	Pk.	Bush.
Manda's Universal Lawn Seed			
Mixture.....	\$0 25	\$1 25	\$4 50
Ordinary Lawn Grass Mixture...	20	1 15	3 50
Pasture Grass Mixture.....			2 25
	Per lb.	100 lb.	
Creeping Bent Grass (<i>Agrostis stolonifera</i>)..	\$0 20	\$16 00	
English Rey Grass (<i>Lolium Perenne</i>)....	14	12 00	
Kentucky Blue Grass (<i>Poa pratensis</i>)....	15	12 00	
“ “ “ choice..	18	15 00	
Red Top Grass (<i>Agrostis vulgaris</i>).....	10	8 00	
“ “ Fancy recleaned.....	20	16 00	
Clover, white....	30	26 00	
Any other Grass or Clover at market price.			

STRAWBERRIES.

Strawberries do best planted on new rich ground with plenty of manure worked into it and having a sunny southern exposure.

Plant in August or September so as to give the plants plenty of time to root well before cold weather sets in. They will produce a good crop of fruit the following season. The list I offer below comprises the very finest varieties.

The best early, medium and late sorts have the letter *e*, *m* and *l* before the names. The letter (*p*) after the name signifies Pistillate varieties. These sorts should never be planted together.

For description of novelties, see novelty portion. Prices for layer plants ready August and September.

	Per doz.	Per 100
Alpine Bush (new).....	\$1 00	\$5 50
Alabama.....	30	1 50
Albany Wilson.....	30	1 50
Banquet.....	2 00	10 00
<i>e</i> Beder Wood.....	30	1 50
<i>l</i> Belmont.....	30	1 50
Bidwell.....	30	1 50
<i>e</i> Bomba.....	50	2 75
<i>e</i> Bubach's No. 5 (<i>p</i>).....	50	2 75
Capt. Jack.....	30	1 50
Chas. Downing.....	30	1 50
Childs.....	1 00	5 50
Cinderella.....	30	1 50
<i>e</i> Crescent (<i>p</i>).....	30	1 50
Crystal City (<i>p</i>).....	30	1 50
<i>m</i> Cumb. Triumph.....	30	1 50
<i>e</i> Dayton.....	30	1 50
Edgar Queen.....	30	1 50
<i>l</i> E. P. Roe.....	50	2 75
Eureka (<i>p</i>).....	30	1 50
Felton.....	30	1 50
<i>l</i> Gandy.....	50	2 75
<i>m</i> Greenville (<i>p</i>) (new).....	1 00	5 50
Gov. Hoard.....	30	1 50
<i>e</i> Haverland (<i>p</i>).....	30	1 50
Hoffman.....	30	1 50
<i>m</i> Iowa Beauty.....	30	1 50
<i>m</i> Jucunda Improved.....	30	1 50
Jersey Queen (<i>p</i>).....	50	2 75
<i>m</i> Jessie.....	50	2 75
<i>l</i> Kentucky.....	25	1 50
Lady Rusk.....	25	1 50
<i>e</i> Leader.....	50	2 75
<i>m</i> Lida (<i>p</i>).....	50	2 75
<i>e</i> Lovett's Early.....	50	2 75
<i>m</i> Marshall (new).....	2 00	10 00
May King.....	30	1 50
Manchester (<i>p</i>).....	30	1 50
<i>e</i> Michel's Early.....	50	2 75

STRAWBERRIES—Continued.

	Per doz.	Per 100
Middlefield (<i>p</i>).....	\$0 30	\$1 50
<i>m</i> Miners.....	30	1 50
Monarch.....	30	1 50
Monmouth.....	30	1 50
Mt. Vernon.....	30	1 50
Old Iron Clad.....	30	1 50
Oregon Everbearing (new).....	1 00	5 50
Princess.....	1 00	5 50
<i>e</i> Parry.....	1 00	5 50
<i>l</i> Parker Earle.....	50	2 75
<i>e</i> Pearl.....	30	1 50
Pine Apple.....	30	1 50
Prince of Berries.....	1 00	5 50
Regina.....	1 00	5 50
<i>l</i> Swindle	30	1 50
<i>l</i> Shuckless.....	30	1 50
<i>m</i> Sharpless.....	30	1 50
<i>m</i> Shuster's Gem (<i>p</i>)	50	2 75
Stevens	30	1 50
<i>m</i> Timbrell (new).....	2 00	10 00
<i>e</i> Victor Hugo.....	1 00	5 50
<i>e</i> Van Deman (new).....	1 00	5 50
Warfield (<i>p</i>).....	30	1 50
Walton	30	1 50
Wolverton.....	30	1 50
Yale	1 00	5 50

Landscape Gardening.

This department is conducted by me personally and I invite correspondence from any one intending to lay out a new garden or extend or improve one existing. Plantation of any kind successfully carried out and guaranteed. It is just as necessary to employ a Landscape Gardener to build your garden and greenhouses as it is to employ an architect to build a house. Plans and estimates by correspondence or personal interview.

Ornamental and Fruit Trees, Shrubs
and Vines

will be found on pages 61 to 79 of my "Pocket Garden Dictionary," and quotation for any quantity will be gladly given.

Flowering Plants.

Outside the few leading kinds enumerated I can supply any variety worth growing either for cool or hot-house, winter or summer flowering.

HARDY PLANTS.

The following list comprises the very best hardy Perennials in cultivation in our climate. These plants are gaining strong favor year by year for they are inexpensive; once planted, live forever, increasing in size and beauty. It is not generally known that Hardy Plants do as well, and most kinds do better when planted in the Fall when the plants get rooted and established in their new quarters, and give a fine show the first Spring, thus saving one season.

I would be pleased to make collections for sunny or shady places, dry, wet, sandy or clay soils, for rock-works, borders, wild garden or any other purpose, at \$2.50 per dozen; \$18.00 per hundred.

	Each	Doz.
<i>Achillea millefolia rubra</i>	\$0 20	\$2 00
“ <i>serrata plena</i> (The Pearl).....	15	1 50
“ <i>tomentosa</i>	20	2 00
<i>Aconitum barbatum</i>	20	2 00
<i>Adiantum pedatum</i> ..	20	2 00
<i>Agrostemma coronaria</i>	20	2 00
<i>Ampelopsis Veitchii</i>	25	2 50
<i>Anemone Japonica alba</i>	20	2 00
“ “ “ Whirlwind (new)	25	2 50
“ “ <i>elegans</i>	25	2 50
“ “ <i>rosea</i>	25	2 50
“ <i>Pennsylvanica</i>	15	1 50
<i>Aquilegia chrysantha</i>	20	2 00
“ <i>cœrulea</i>	20	2 00
“ <i>glandulosa (vera)</i>	35	3 50
“ <i>olympica</i>	20	2 00
“ <i>Skinnerii</i>	20	2 00
<i>Artemisia pontica</i>	10	1 00
<i>Asclepias tuberosa</i>	20	2 00
<i>Baptisia australis</i>	20	2 00
<i>Bellis perennis</i>	15	1 50
<i>Berberis aquifolium</i>	50	5 00
<i>Campanula persicifolia</i>	15	1 50
“ “ <i>alba</i>	20	2 00
<i>Clematis Davidiana</i>	25	2 50
“ <i>stans</i>	25	2 50
<i>Coreopsis lanceolata</i>	15	1 50
“ “ Harvest Moon (new)	35	3 50
<i>Delphinium sinense alba</i>	15	1 50
“ “ <i>cœrulea</i>	15	1 50
<i>Dianthus plumarius plenus</i>	20	2 00
<i>Dicentra spectabilis</i>	20	2 00
<i>Digitalis gloxinoides</i>	15	1 50
<i>Doronicum plantagineum excelsum</i>	25	2 50
<i>Eulalia Japonica</i>	25	2 50
“ <i>variegata</i>	25	2 50
“ <i>zebrina</i>	25	2 50
<i>Euonymus radicans</i>	15	1 50
“ <i>variegata</i>	20	2 00
<i>Euphorbia corollata</i>	20	2 00

HARDY PLANTS—Continued.

	Each	Doz.
<i>Funkia subcordata grandiflora</i>	\$0 25	\$2 50
“ <i>undulata variegata</i>	20	2 00
<i>Gaillardia grandiflora</i>	20	2 00
<i>Gypsophyila paniculata</i> ...	20	2 00
<i>Helenium pumilum</i>	20	2 00
<i>Helianthus decapetalus multiflorus</i>	25	2 50
“ “ <i>grandiplenus</i>	25	2 50
“ <i>Maximilianus</i>	20	2 00
“ <i>orgyalis</i>	25	2 50
<i>Heliopsis lævis</i>	15	1 50
<i>Hemerocallis disticha</i> , fl. pl.	20	2 00
“ <i>Dumortieri</i>	20	2 00
“ <i>flava</i>	15	1 50
“ <i>fulva</i>	15	1 50
“ <i>Kwanso</i> , fl. pl., fol. var....	25	2 50
“ <i>Middendorffianum</i>	25	2 50
“ <i>Thunbergii</i>	20	2 00
<i>Hydrangea paniculata grandiflora</i>	20	2 00
<i>Hypericum Moserianum</i> (new).....	35	3 50
<i>Iberis sempervirens</i>	20	2 00
<i>Iris Germanica</i> , named varieties.....	30	3 00
“ “ <i>mixed</i> “		
“ <i>pseudo acorus variegata</i>	25	2 50
“ <i>Kæmpferi</i> , named varieties.....	30	3 00
“ “ <i>mixed</i> “	20	2 00
<i>Liatris spicata</i>	20	2 00
<i>Monarda didyma</i>	20	2 00
<i>Myosotis palustris semperflorens</i>	15	1 50
<i>Pæonia tenuifolia</i>	25	2 50
“ “ <i>fl. pl.</i>	45	4 50
“ <i>best named varieties</i>	35	3 50
“ <i>best mixed</i> “	25	2 50
<i>Papaver bracteatum</i>	20	2 00
“ <i>nudicaule</i>	15	1 50
“ <i>orientale</i>	20	2 00
<i>Pentstemon barbatus Torreyi</i>	20	2 00
<i>Phlox amœna</i>	15	1 50
“ <i>carolina</i>	15	1 50
“ <i>glaberrima</i>	20	2 00
“ <i>subulata</i>	15	1 50
“ “ <i>alba</i>	15	1 50
“ <i>paniculata</i> (The Pearl).....	20	2 00
“ “ <i>named varieties</i>	25	2 50
“ “ <i>mixed</i> “	15	1 50
<i>Pyrethrum roseum</i> , double named... ..	30	3 00
“ “ “ <i>mixed</i>	25	2 50
“ <i>uliginosum</i>	20	2 00
<i>Rudbeckia fulgida</i>	35	3 50
“ <i>laciniata</i>	20	2 00
“ <i>maxima</i>	25	2 50
“ <i>speciosa</i>	20	2 00
“ <i>subtomentosa</i>	20	2 00
<i>Sedum spectabile</i>	20	2 00
“ <i>album</i>	25	2 50

HARDY PLANTS—Continued.

	Each	Doz.
<i>Spiræa Astilboides</i>	\$0 25	\$2 00
“ “ <i>floribunda</i> (new).....	35	3 50
“ <i>aruncus</i>	25	2 50
“ <i>japonica</i>	15	1 50
“ “ <i>aurea reticulata</i>	25	2 50
“ “ <i>multiflora compacta</i>	25	2 50
“ <i>palmata</i>	25	2 50
“ “ <i>alba</i>	25	2 50
“ “ <i>elegans</i>	25	2 50
“ <i>Ulmaria fol. arg. var.</i>	25	2 50
“ “ “ <i>aureo var.</i>	25	2 50
“ “ <i>fl. pl.</i>	25	2 50
“ “ <i>rubella</i>	25	2 50
“ <i>trifoliata</i> ..	25	2 50
“ <i>Thunbergii</i>	25	2 50
“ <i>macrophylla</i>	25	2 50
“ <i>venusta</i>	25	2 50
<i>Statice latifolia</i>	25	2 50
<i>Tradescantia Virginica</i>	20	2 00
“ “ <i>alba</i>	20	2 00
“ “ “ <i>major</i>	25	2 50
“ “ “ <i>rosea</i>	20	2 00
<i>Tunica saxifraga</i>	20	2 00
<i>Veronica longifolia subsessilis</i>	25	2 50
“ <i>Virginica</i>	20	2 00
<i>Viola cucullata</i>	15	1 50
“ “ <i>alba</i>	15	1 50
“ <i>odorata, Marie Louise</i>	20	2 00

Foliage Plants.

This class is entirely omitted in this catalogue although I grow all the desirable kinds in large quantities including Palms, Dracænas, Marantas, Crotons, Pandanus, Ferns, Selaginellas, Diffenbachias and numerous others of which I will be pleased to give list and prices or personal inspection is solicited.

Orchids.

Of these, my favorites, I have a fine stock both of established plants or frequent importations from various parts of the Globe. They are as easy grown as any ordinary plants and as cheap. I will be pleased to give special prices on application.

SPECIAL PLANTS FOR WINTER FLOWERING.

Roses.

I can still supply fine strong plants of the following varieties, out of 3 inch pots, at \$2.00 per doz., \$12.00 per 100; or extra strong selected, out of 3 or 4 inch pots, at \$2.50 per doz., or \$16.00 per 100. **Bride, Bridesmaid, Catherine Mermet, Cusin, Madame de Watteville, Madame Hoste, Madame Caroline Testout, Meteor, American Beauty, Kaiserin Augusta Victoria.**

Carnations.

I am growing a large lot of plants for winter flowering, and can supply the following in fine, strong, healthy plants from open ground :

	Per doz.	Per 100
Bouton d'Or, grand new yellow	\$4 00	
Buttercup, lemon yellow.....	2 00	
Daybreak, flesh pink... ..	2 00	\$12 00
Dr. Smart, variegated.....	2 00	
E. A. Wood, pink striped	3 00	
Goldfinch, yellow, edged pink.....	3 00	
Helen Keller, variegated, new, fine. ...	3 00	18 00
Jacqueminot, crimson, new.....	3 00	18 00
Lizzie McGowan, pure white.	1 50	9 00
Mme. Diaz Albertini, bright light pink.	2 00	12 00
Mrs. Stanley, variegated.....	2 00	
Portia, scarlet	1 50	9 00
Richmond, carmine.....	2 00	
Sweetbrier, pink, new	3 00	18 00
Spartan, carmine.....	2 00	
The Stuart, scarlet, fine, new.....	3 00	18 00
Thos. Cartledge, carmine.	1 50	9 00
Uncle John, pure white, new.....	3 00	18 00
Wm. Scott, bright pink, one of the best	2 00	12 00
My assortment of best kinds.....	2 00	12 00
Any other varieties of Carnations at market prices.		

Violets.

Everyone having a greenhouse or a sash frame will want to grow some violets. The stock is plentiful, but the great difficulty is to procure clean plants from disease. I grow a fine lot of plants from a stock that never was forced and in new ground and therefore hope to have my plants as healthy and fine as they are at present writing.

	Per doz.	Per 100
Marie Louise, the best vars.....	\$2 00	\$12 00
Swanley, white.....	2 50	

Azaleas.

There is no greenhouse shrub that gives such satisfaction as a good plant and variety of Azalea. The following dozen varieties are the cream of the Azaleas, while I offer well furnished plants set with buds at the following low prices. Plants 9-10 inches in diameter 75 cts. each, \$7.50 per doz. 10-12 inch in diameter \$1.00 each, \$10.00 per doz.; extra large 12-15 inch in diameter \$1.50 each, \$15.00 per doz. Extra large specimens, price on application.

A. Borsig, pure double white.
Madame Van der Cruyssen, semi-double bright rose.
Sigismund Rucker, lilac rose and white.
Bernard Andrea Alba, double white.
Deutsche Pearl, very early double, pure white.
Imperatrice des Indes, large double rose, edged white.
Souv. de Prince Albert, double white and lilac.
Dr. de Moor, double, intense rose.
Empereur de Bresil, rose and white, large double.
Cocarde d'Orange, fine double, orange red.
Simon Mardner, very deep pink, shape of a Camellia.
Vervæana, a very large double, rose and white.

Lilac for Forcing.

Fine strong plants especially grown for forcing, with good buds.

	Each	Per doz.
Charles X	\$0 75	\$7 50
Marly	75	7 50



W. A. MANDA

...Formerly managing partner of Pitcher & Manda, is no longer connected with the above, now a stock company, but will be found at the....

UNIVERSAL HORTICULTURAL ESTABLISHMENT,

SOUTH ORANGE, N. J.,

where all letters and orders from his former friends and patrons will reach him.

NOVELTIES AND SPECIALTIES.***Convallaria majalis* "Fortin."**

This is a grand new form with large spikes and bells; a very desirable variety. Each, 15 cts.; doz., \$1.50; per 100, \$12.00.

***Cyclamen* "Large Rhodian."**

Described by collector as follows: Flowers pink-white; foliage large and most beautifully blotched with silver; begins flowering in December. Each, 25 cts.; doz., \$2.50.

***Cyclamen* "sp. Smyrna."**

Same collector says: Flowering before foliage appears in September-October; foliage very handsome, blooms light pink. Each, 25 cts.; doz., \$2.50.

***Fritillaria citrina*.**

Described by collector as of a pretty yellow, rising 8 to 12 inches high, with more than one flower on each stem. Each, 25 cts.; per doz., \$2.50.

***Fritillaria Pinardii*.**

Said to be exact copy of *F. armena rubra* in flower, but 6 to 8 inches in height. Each, 25 cts.; per doz., \$2.50.

***Fritillaria Whittallii*.**

Described by Mr. Baker, of Kew, as one of the handsomest varieties so far discovered in Asia-Minor. Each, 25 cts.; per doz., \$2.50.

NEW IRISES.

Five new kinds from the Holy Land. Culture same as for *Iris Susiana*.

***Iris atrofusca*.**

A very distinct and beautiful variety. The outer segments are of a brown-black; the inner segments are one inch longer than the outer ones, and twice as broad and of a mottled dark claret-brown, with black veins. Each, 75 cts.; per doz., \$7.50.

***Iris Sari nazarena*.**

This is one of the most beautiful Irises in cultivation. It grows rather tall and has very large flowers, beautifully marked with large dark reddish brown-purple spots on straw-colored ground. Each, 45 cts.; per doz., \$4.50.

Iris atropurpurea.

The flower of this beautiful variety rises high and varies in color from black to purple. It is of a rather dwarf habit, but very graceful as the leaves recurve and are not very broad. Each, 45 cts.; per doz., \$4.50.

Iris Grand Duffii.

This variety grows rather large. The leaves are dark bluish-green. Flowers fine sulphur-yellow. This is one of the most beautiful Irises in cultivation. Each, 45 cts.; per doz., \$4.50.

Iris Mariæ (Helene).

The small slender leaves of this variety give it a very graceful appearance. The flowers are of medium size and of a beautiful lilac color marked with veins. One of the marked characteristics of this variety is that it flowers freely. Each, 45 cts.; per doz., \$4.50.

Iris Vartani.

A new and beautiful variety with sky-blue flowers, similar to *Iris reticulata*. Each, 45 cts.; per doz., \$4.50.

The collection of six new varieties, one of each, for \$2.50.

Lilium Grayii.

This is a rare native Lily, growing to three feet in height and bearing numerous campanulate flowers. The ground color is bright red, heavily spotted with black. A distinct species. Each, 75 cts.; per doz., \$7.50.

THREE LILIES

DESERVING OF GENERAL CULTURE.

L. Brownii.

A grand Japan Lily, 3 to 4 feet high, stems bearing 2 to 4 flowers 7 to 8 inches long, white inside, purplish outside. One of the most striking Lilies in cultivation. Each, 75 cts.; per doz., \$7.50.

L. colchicum.

This grand caucasian Lily should be more grown; perfectly hardy, grows three or more feet high, bearing numerous reflected soft yellow flowers. Each, 35 cts.; per doz., \$4.00.

L. excelsum.

A grand old Lily of garden origin; growing as freely as *L. candidum*. The stem is 5 to 6 feet high, bearing 6 to 12 large yellow flowers lightly shaded with red. Grand garden plant. Each, 35 cts.; per doz., \$4.00.

New Snowdrops.

There are five new Snowdrops, all of great merit. The *Galanthus Elwesii* var. *Cassaba*, unguiculata and ochrospilus, as well as *G. Ikariæ*, comes from Asia-Minor, while the *G. Fosterii* is said to be sweet-scented. The collection, one bulb of each, for 75 cts.; six bulbs of each, for \$3.75.

Tulipa "Blushing Bride."

Beautiful rosy-pink flowers slightly shaded with white, fine form; a magnificent variety. Each, 15 cts.; per doz., \$1.50; per 100, \$9.00.

Tulipa "Bridesmaid."

Distinct variety with large flowers of brilliant scarlet striped with pure white. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

Tulipa "Bouton d'Or."

Grows to fourteen inches high. The flower is large, splendidly formed, of the purest yellow in existence; a very desirable variety. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

Tulipa elegans var. Picotee.

Beautiful flower of pure white, faintly edged with pink, of distinct shape; it grows to sixteen inches high. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

Tulipa "Golden Eagle."

Fine flowers, growing to sixteen inches in height; deep golden yellow faintly edged and fringed with orange red. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

Tulipa macrospila.

A most desirable Tulip on account of the sweet-scented, large, brilliant red colored flowers. Should be grown by everyone. Each, 10 cts.; per doz., \$1.00; per 100, \$5.00.

Tulipa "May Blossom."

Flowers pure white, slightly variegated with red; grand form. Each, 15 cts.; per doz., \$1.50; per 100, \$9.00.

Tulipa "Rose Pompon."

Semi-double, soft pink and creamy white, very useful for cutting purposes. Each, 10 cts.; per doz., \$1.00; per 100, \$5.00.

Anemone japonica "Whirlwind."

Everyone that knows the *A. jap. alba* will see the merit of the var. *Whirlwind*, with same habit but having large pure white semi-double flowers. Perfectly hardy.

2	inch	pots,	each,	20	cts.;	dozen,	\$2.00.
3	"	"	"	30	"	"	3.00.
4	"	"	"	40	"	"	4.00.

Coreopsis lanceolata "Harvest Moon."

A grand improvement on the well known species and one that should be in every collection of Hardy Plants. The habit and flowers are much larger and stronger; well adapted for cutting purposes. Each, 25 cts.; per doz., \$2.50.

Leiophyllum buxifolium prostratum.

A newly discovered variety with small evergreen foliage, growing only 4 to 6 inches in height and covered with pretty white flowers in the spring. A grand plant for edging beds of *Rhododendrons*, etc. Each, 25 cts.; per doz., \$2.50.

Spiræa astilboides floribunda.

This grand new plant is as useful for forcing as for herbaceous border. It is in the same relation to *S. astilboides* as is *S. japonica floribunda* to the common *S. japonica*. The plant is compact, furnished with numerous spikes closely set with pure white flowers. A plant I can strongly recommend. Each, 35 cts.; per doz., \$3.50.

NEW STRAWBERRIES.

Alpine Bush.

Quite a curiosity in the strawberry line, bearing fruit from June until frost. It is useful for making borders as it does not throw off-sets. \$1.00 per doz.; \$5.50 per 100.

Greenville.

A fine grower and has proven to be one of the best strawberries in cultivation; free from rust, very productive; berries are medium size. \$1.00 per doz.; \$5.50 per 100.

Marshall.

Without doubt the finest berry in cultivation; color very dark, rich crimson core; flesh fine grained and of a delicious flavor. It is very vigorous and very productive; 3000 quarts having been grown on a quarter of an acre. \$2.00 per doz.; \$10.00 per 100.

Oregon Everbearing.


A vigorous grower, adapted to all soils and locations; as the name indicates it is one of those varieties which bears fruit from June until killed by frost. \$1.00 per doz.; \$5.50 per 100.

Timbrell.

A new variety of undoubted value and which promises to take a leading position among standard sorts. It is a heavy yielder. Berry large, round and of dark crimson color. \$2.00 per doz.; \$10.00 per 100.

Van Deman.

On heavy moist soil this variety does well. The first berries are very large, but after the first picking they get smaller. The berry is regular in form, glossy crimson, firm and of a sprightly acid flavor. \$1.00 per doz.; \$5.50 per 100.

W. A. MANDA, 



FORMERLY MANAGING
PARTNER OF
PITCHER & MANDA,

Is no longer connected with the above,
now a stock company, but will be
found at the

**Universal
Horticultural Establishment,**

SOUTH ORANGE, N. J.,

where all letters and orders from his
former friends and patrons will reach
him.

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